ABIGALE PFINGSTEN

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EDUCATION

Carnegie Mellon University, **Pittsburgh PA**   **May 2020**

Bachelor of Science: Statistics & Data Science, International Relations | **GPA**: 3.66/4.00

Minor: Piano Performance
Honors: National Hispanic Scholar (June 2018), Dean's List – Honors (F2016, S2017, F2018, F2019, F2020, S2020)

Certifications: Web Development (OpenClassrooms, 2024), Python for Data Science (Cornell University, 2023), Introduction to Analytics Modeling (Georgia Institute of Technology, 2021), React.js Essential Training (LinkedIn Learning, 2021)

SKILLS

- **Programming Languages/Software**: R, Javscript, HTML, CSS/SCSS, SQL, Python, Tableau
- **Frameworks:** React, Node.js, Express, R Shiny
- **Databases:** MongoDB
- **Version Control**: Git, BitBucket
- **Methodologies:** Agile, Jira
- **Languages**: Spanish, Italian

EXPERIENCE

Business Analytics Consultant Sr, PNC Financial Services   **May 2020 – Present**
Corporate & Institutional Banking, Pittsburgh, PA

- Architected the backend, designed the logic flow, and coded the frontend to create a modularized R Shiny application, containing over 10,000+ lines of code, and estimated to benefit the business up to five million dollars
- Assumed the role as the primary R Shiny developer for C&IB and solely developed four applications, and trained other team members on how to optimize application performance by improving code efficiency, using modularization, and utilizing the reactive paradigm
- Integrated external databases using big data (Hadoop) and APIs into R Shiny applications
- Built an advanced Tableau dashboard that assisted senior leaders to smoothly transition customers from BBVA during the PNC's acquisition of the former bank
- Conduct ad-hoc SQL query requests, whether it being debugging an existing query populating an app or dashboard, or creating queries to pull data to perform analysis for a given business group

PROJECTS

Groupomani React App (Full Stack)
React, Javascript, MySQL Server, RESTful API's, Node.js, Express
A message board app that allows you to create an account, sign in, delete your account, make a multi-media post (accepts images, videos, and audio), and view all posts made by other users

Piquante Hot Sauce Rating App (Backend)
Javascript, RESTful API's, Node.js, Express, MongoDB
Created the backend framework which allows you to create an account, upload your hot sauce with details about it, view and rate (thumbs up/thumbs down) other users' sauces.

E-Commerce Shopping Experience App (Client-Side Logic)
Javascript
An app that allows you to have a "shopping experience" (i.e. add, delete, modify items in your cart and "checkout")